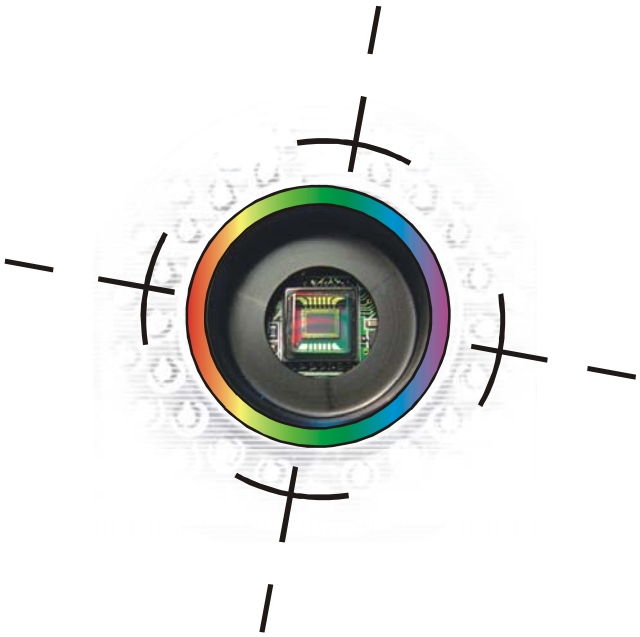

User's Manual IR-CAM-C

Please read this instruction thoroughly before operation
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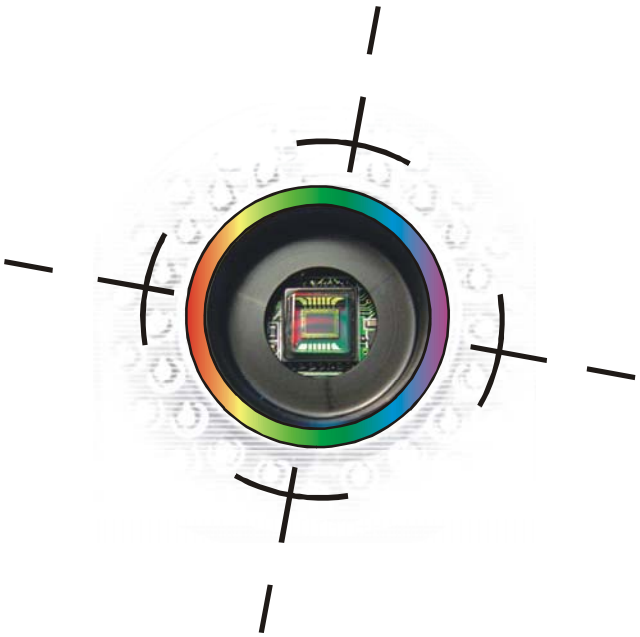
PIR V1.2

135



User's Manual IR-CAM-C

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PIR V1.2

Thank-You Note Before You Get Start

First of all, we would like to express our gratitude to you for purchasing CPcam products. Once again, this product is designed uniquely to meet all your personal needs with our great industry-designing ability and our everlasting perseverance to the quality of all our products.

This manual will introduce you how to install this camera. Please keep it well for your future reference.

Now, we would like to invite you to personally experience this user-friendly manual and all of the powerful functions this product offers.

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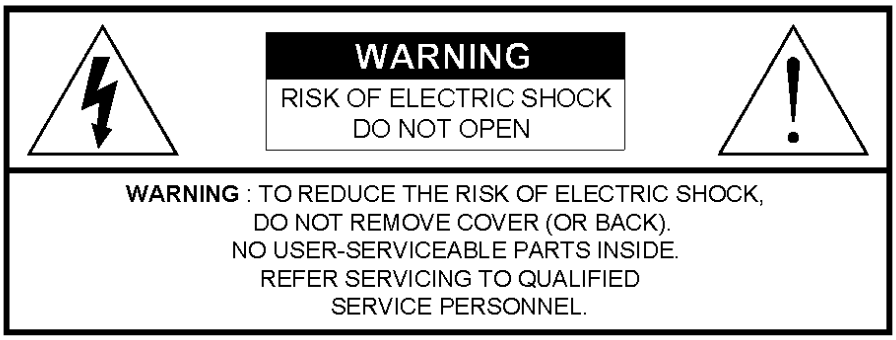
The apparatus shall not be exposed to dripping. No objects filled with liquids, such as vases, shall be placed around the apparatus.



WARNING : TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED
SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within enter the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance-(servicing) instructions in the literature accompanying the appliance.

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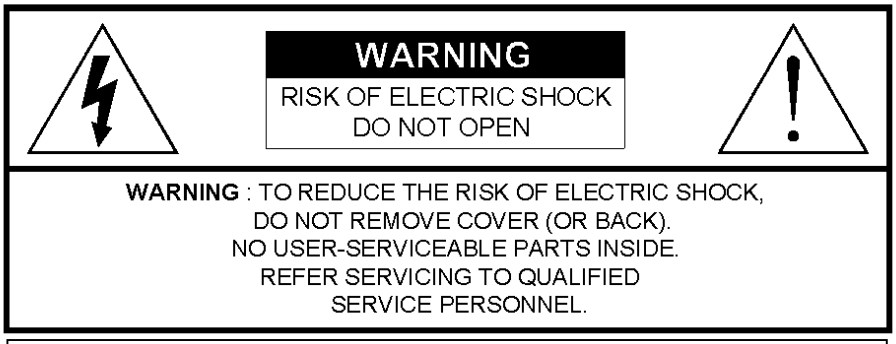

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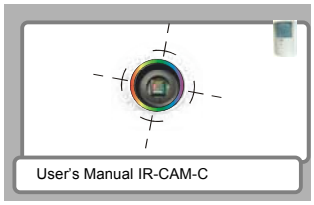
PACKAGE CONTENT

Camera

Power/Video/Audio Cable

Screws / Plastic Bracket



User's Manual

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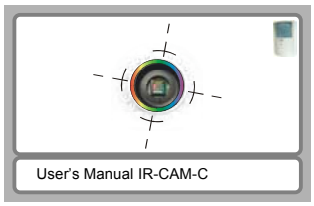


User's Manual

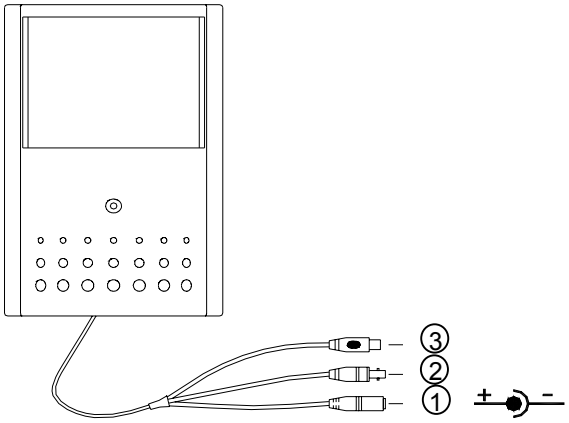
CONNECTION

➡BASIC CONNECTION

1.Connect the power terminal of the camera to a 12V DC regulated power supply.

2.Connect the camera video output and the monitor video input with 75Ω coaxial cable.

3.Connect the camera audio output and the monitor audio input with a coaxial cable.



PIR Camera

CONNECTION

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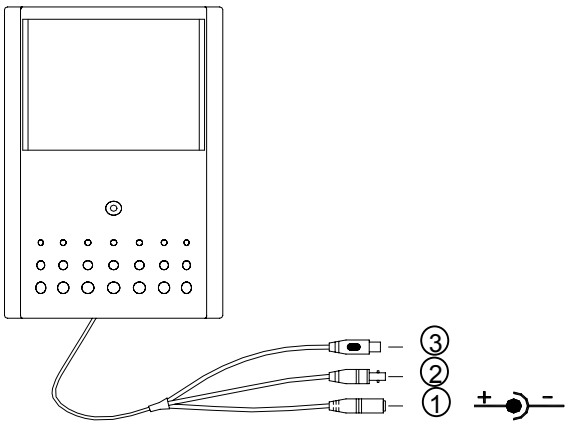

PIR Camera

FEATURES

	CPC151	CPC251	IR-CAM-C
1/3“ B/W CCD sensor	⦿		
1/4“ Sony Color CCD sensor		⦿	⦿
Min.Illumination: 0.25Lux / F2.0	⦿		
Min.Illumination: 1Lux / F2.0		⦿	⦿
Lens angle:67.5°		⦿	⦿
Lens angle:90°	⦿		
PIR detection zone for 100° with 10meters (25 °C)	⦿	⦿	⦿
AC125V / 10A (max) lamp control loading	⦿	⦿	⦿
4 type PIR active time, 10, 30, 120 sec. & always-on		⦿	⦿
Lamp control (1,250 W max)	⦿	⦿	⦿
Alarm output (N.C. / N.O.)	⦿	⦿	⦿

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3

SPECIFICATION

Model	CPC151	CPC251	IR-CAM-C
Pick-up Element	1/3“ B/W CCD sensor	1/4” Sony Color CCD sensor	1/4” Sony Color CCD sensor (W / Sony DSP)
Resolution	Standard		
Min. Illumination	0.25Lux / F2.0	1Lux / F2.0	
Number of Pixel	510(H) x 492(V) <EIA> / 500(H) x 582(V) <CCIR>	510(H) x 492(V) <NTSC> / 500(H) x 582(V)<PAL>	
S/N Ratio	More than 48dB (AGC off)		
Electronic Shutter	1/60(1/50) to 1/100,000 sec.		
Microphone	Yes		
Video Output	1.0 Vp-p composite, 75 Ω		
Standard Pinhole Lens	f3.7mm / F2.0		
Lens Angle	90 °	67.5 °	
Power Source	DC12V ± 10% regulated		
Current Consumption	155mA (Activated)		
PIR Detection Range	100° with 10 meters long and 2 meters high(at 25°C)		
Lamp Control Loading	1,250W (max)		
PIR Alarm Output	N.C./N.O., max loading 30Vdc, 0.5A		
Operating Temperature	0℃ ~40 ℃(32℉ ~104℉)		
Dimension (mm)	70(W) x 110(H) x 49(D)		
Gross Weight	317g		

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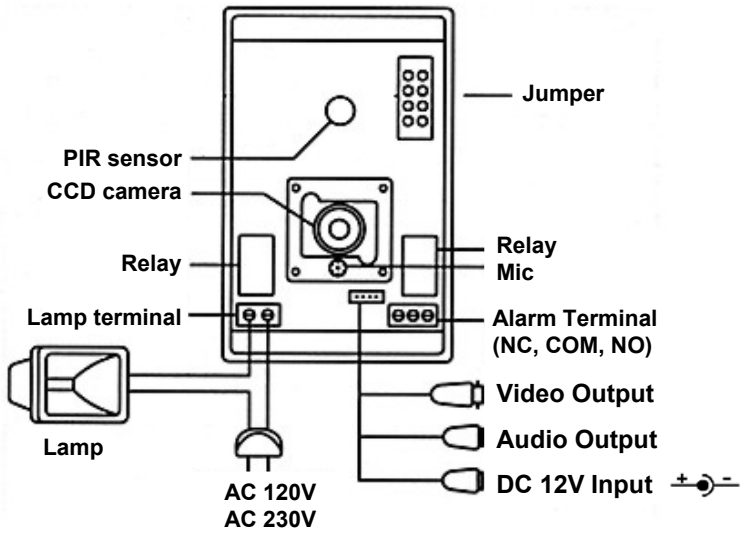
4

LAYOUT DESCRIPTION



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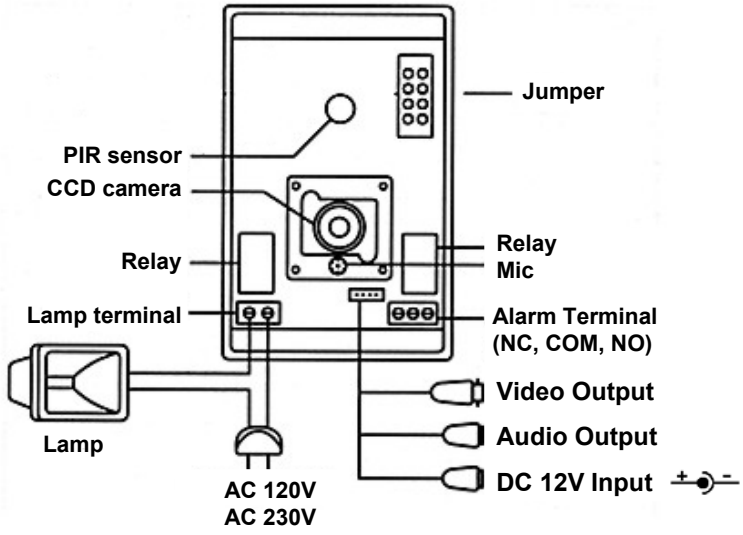
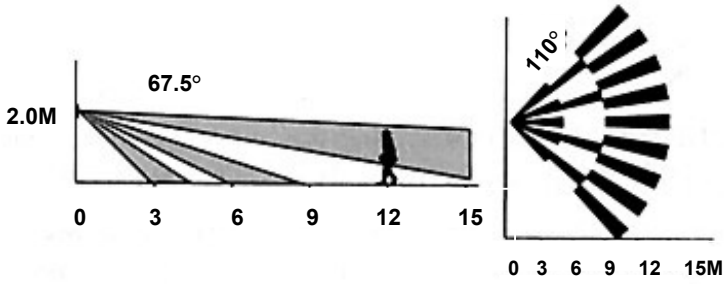
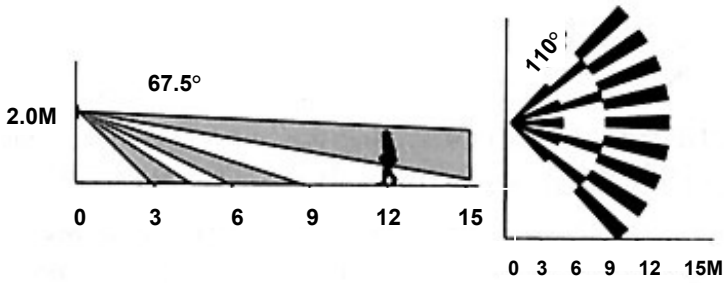


PIR DETECTION PATTERN



SIDE VIEW TOP VIEW

PIR DETECTION PATTERN



SIDE VIEW TOP VIEW

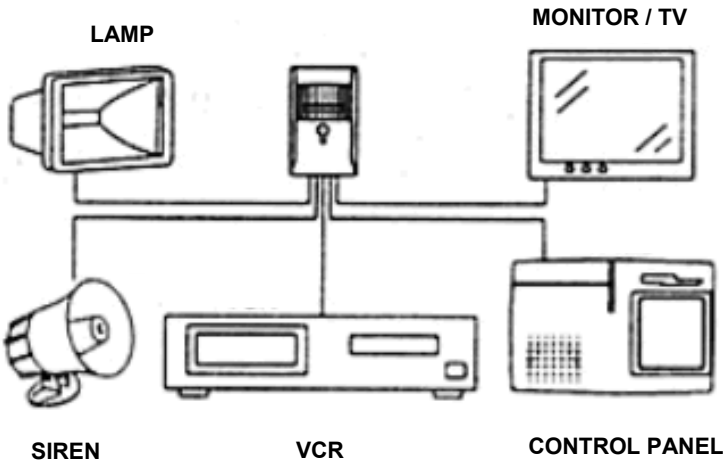
INSTALLATION & WIRING

A. Open the front cover.

B. Lead the cable through the access hole.

C. Connect the cable to the terminals.

D. Clap the cover.



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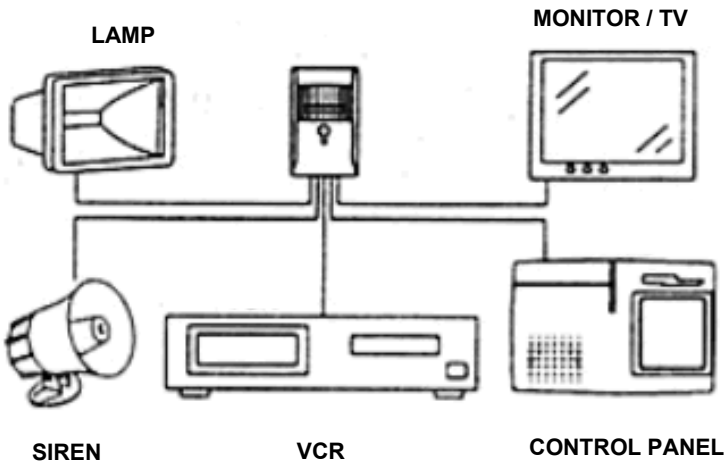

INSTALLATION HINTS

PIR Camera can easily be installed with its swivel bracket. Please refer to the following DO & DON'T before installation.

DO:

•Recommended to install in the way that motion "across" the detection zones than "toward" the unit.

•Recommended to mount on a stable surface which is not subject to vibration.

•Recommended installation height is 2 meters above the floor.

DON'T:

•Do not install outdoor, the unit is designed for indoor use.

•Do not install in high humidity area (bathrooms, patios etc.…)

•Do not exposed the unit to direct sunlight, neat glass doorways, air conditioner, fans or sources of heat ect.….

•Do not install near high power sources such as refrigerators televisions or generator.

•Do not install in where obstructions (plants, screens, large pieces of furniture etc…) may block the pattern of coverage .

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WALKING TEST

After PIR Camera is properly installed, the walking test can be proceeded according to the following:

A. Apply the power and wait for 30 sec. for PIR Camera to warm up…Check video output.

B. Walk across the detection Zones at normal speed. The video and alarm control signal will be triggered when PIR detects a movement.

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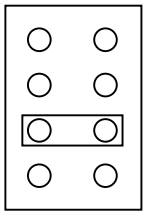
JUMPER CONFIGURATION

A. To select the active time of the PIR camera, please install a jumper at the proper position. (Default is 10 seconds.) The video of the camera and the alarm control time will be activated for 10 seconds.

Please see the following configuration:



120 sec
30 sec
10 sec
Always On

Input the power and warm up for 30 seconds, then the PIR camera will function normally. When the object comes into the detective range, the PIR Camera will triggered and run for 10 seconds. If the object is still moving within the detective range after 10 seconds, the PIR camera will continue being activated until the object is not in the detective range.

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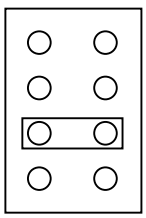

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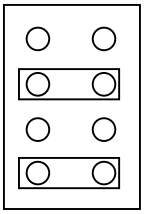
B. If you need the video to be activated in “ALWAYS ON ” mode, please place the other jumper at “ALWAYS ON” position. The default of the alarm control time will still be 10 seconds.

For example, if you need the video to be always on and the alarm control time to be 30 seconds, you need to place one of the jumper’s at “ALWAYS ON” position, and the other one at “30 seconds.”

EX:



120 sec
30 sec
10 sec
Always On

When the object comes into the detective range, the alarm control will be triggered and run for 30 seconds. If the object is not in the detective range, the video will still be working. However, the alarm control will not be activating.

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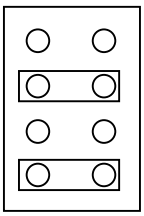

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30 sec
10 sec
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LAMP CONTROL & ALARM OUTPUT

Lamp Control:

The Lamp terminal, N.O. Relay output is capable of switch the lamp up to 5A/250VAC.

Alarm Output:

Three terminals, N.C. COM, N.O. are provided to give users full choice of wiring configuration. VCR, monitor, and siren can be connected upon different application, rating for this output is 30V max. / 5A max.

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